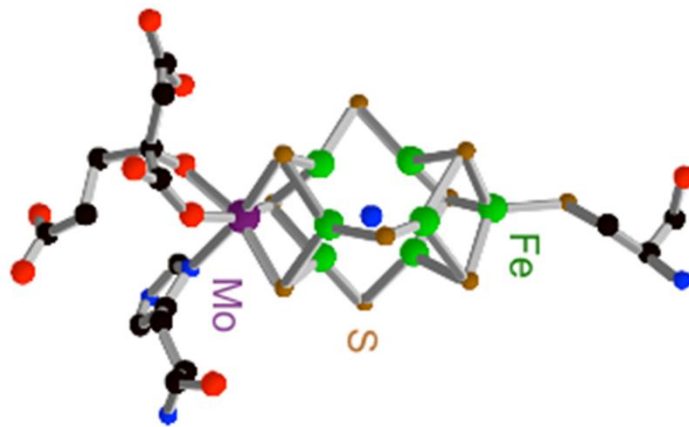
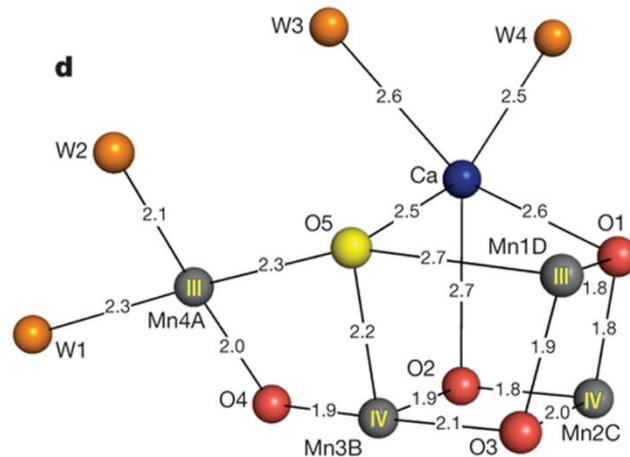
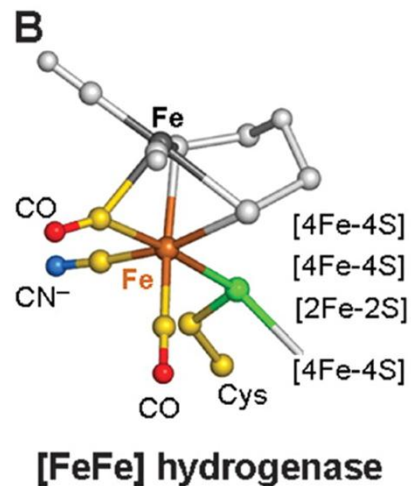
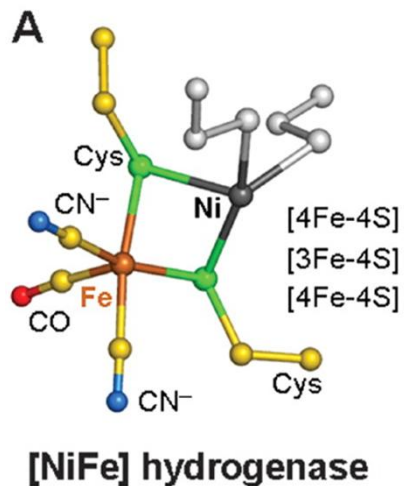
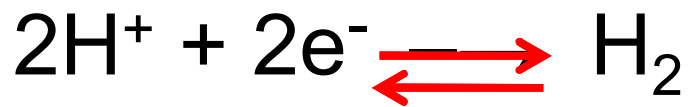


Outline

- Time-Resolved
 - Stopped-flow
 - Pump-probe
- Microscopy
- Crystallography
 - Anomalous diffraction
 - Time-dependence of diffraction peaks
- Other nuclei
 - ^{61}Ni



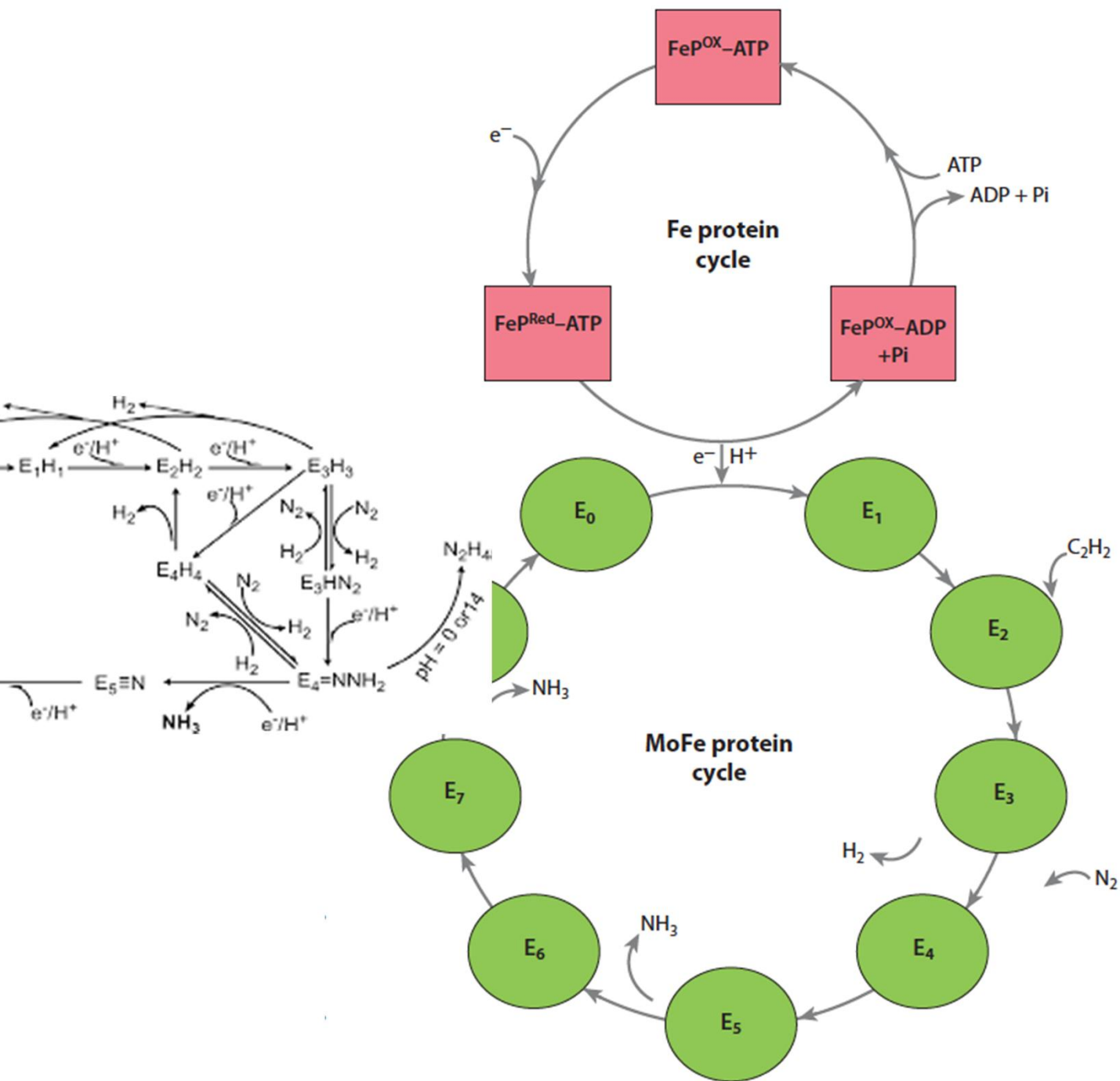
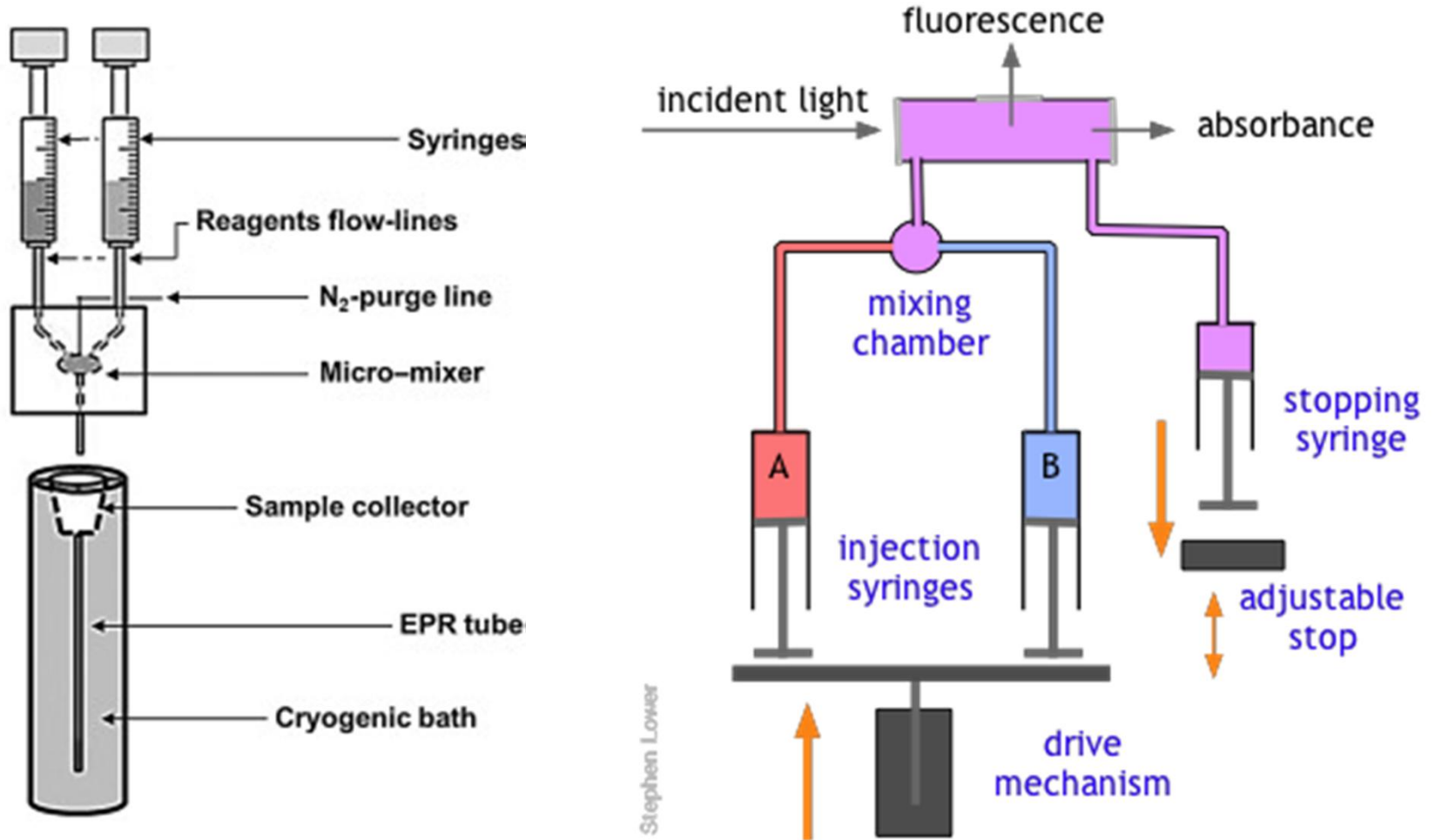


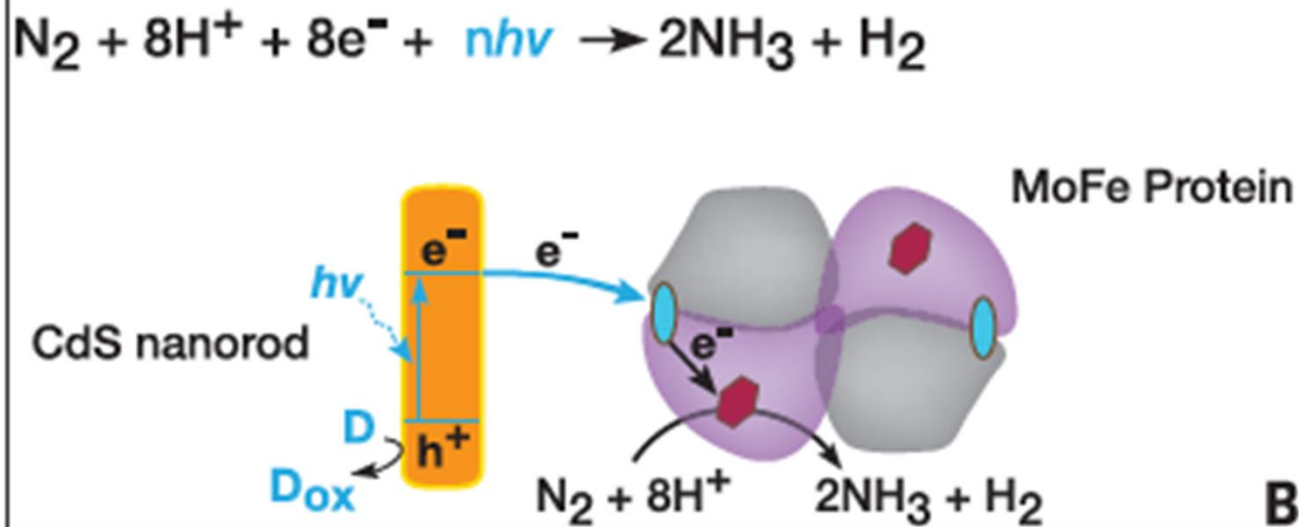
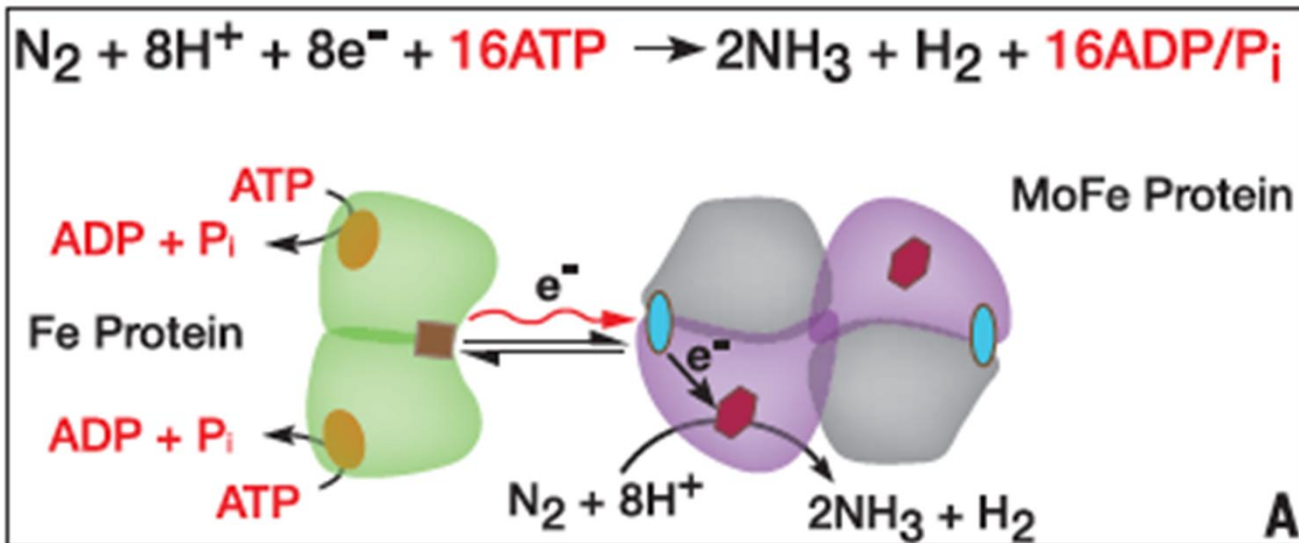
Figure 2

Freeze quench → Stopped-flow

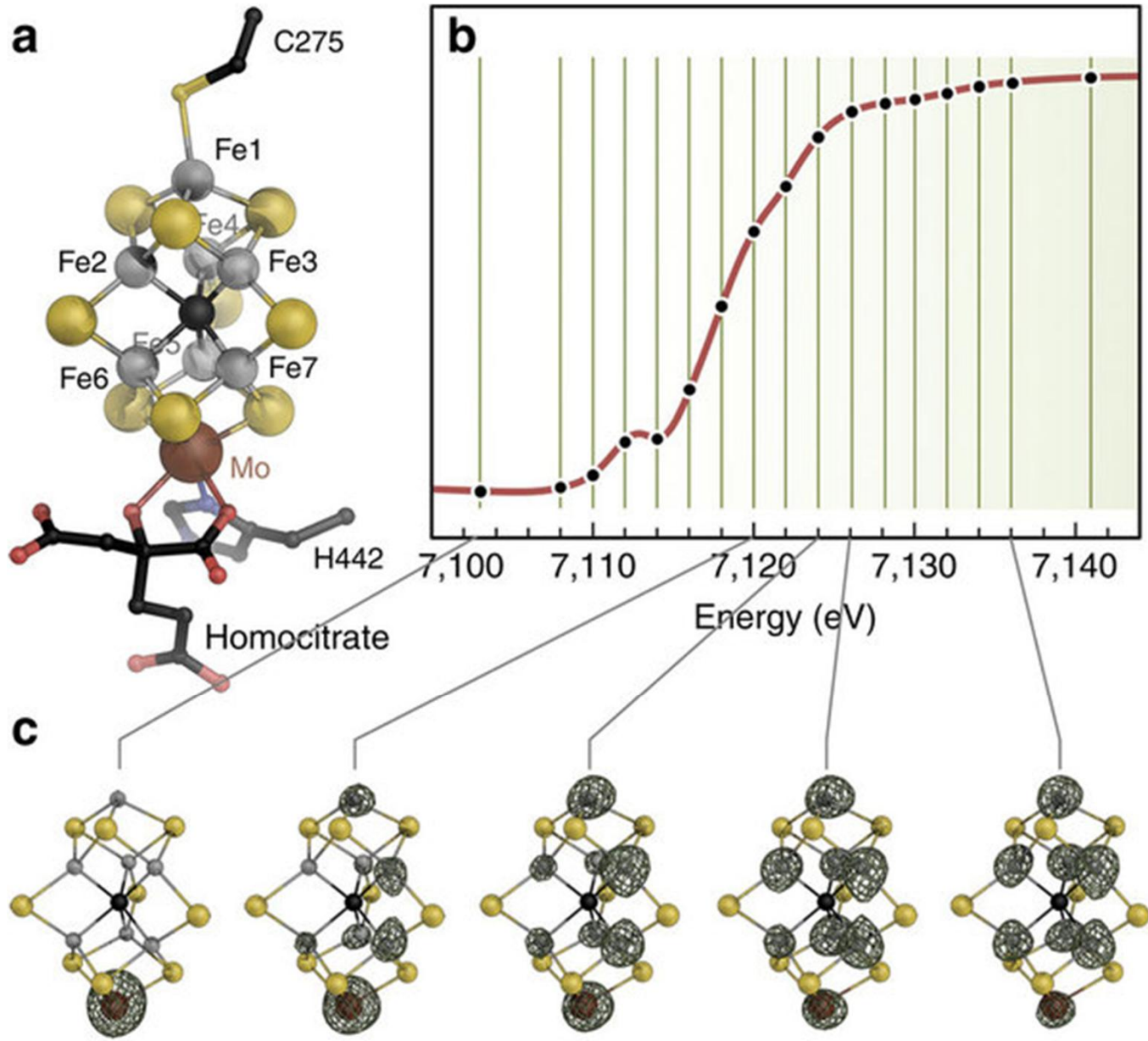
B



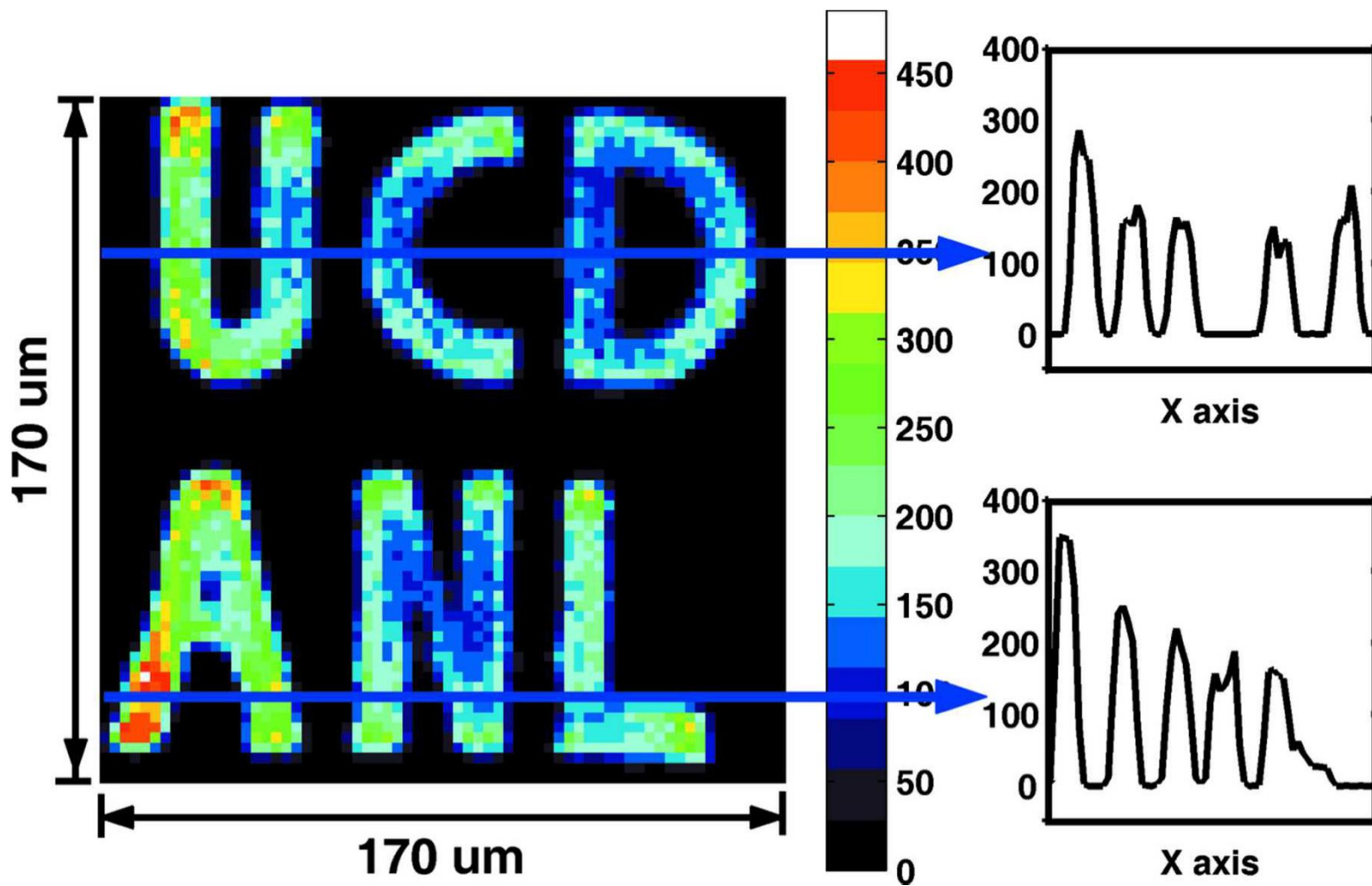
Pump-probe



Crystallography



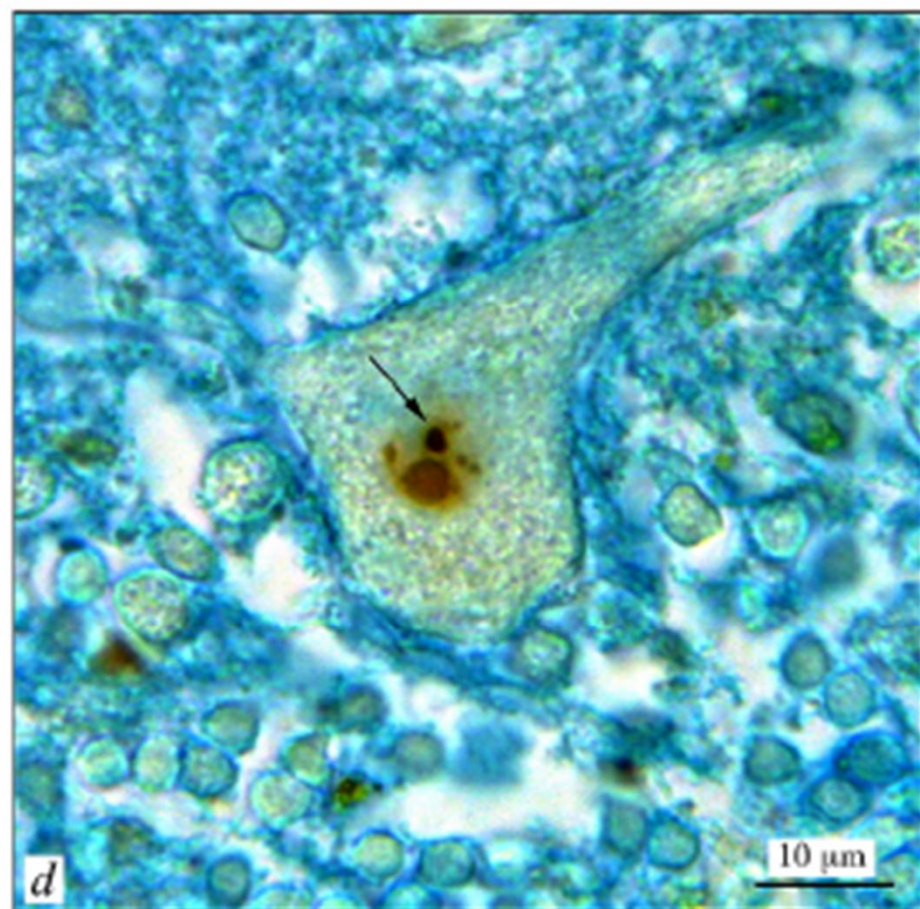
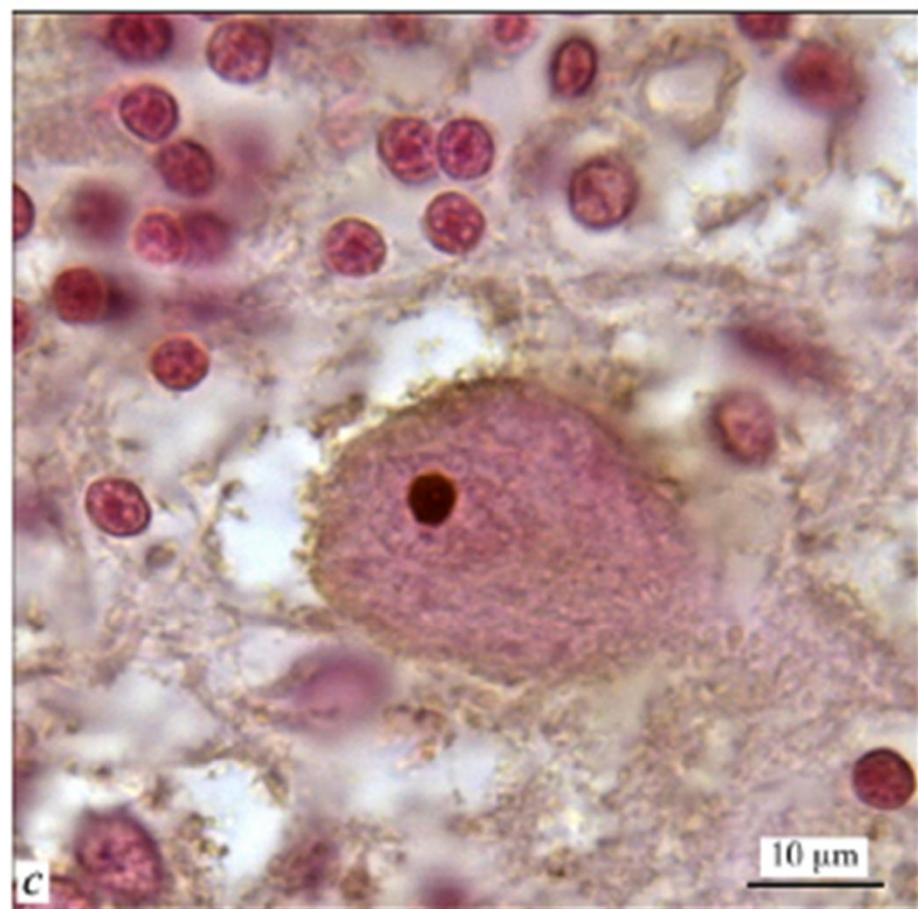
Microscopy



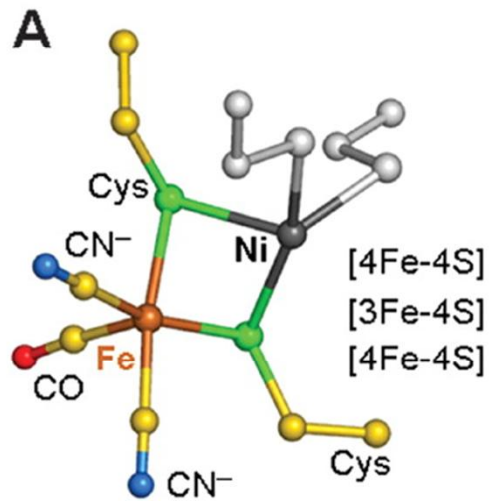
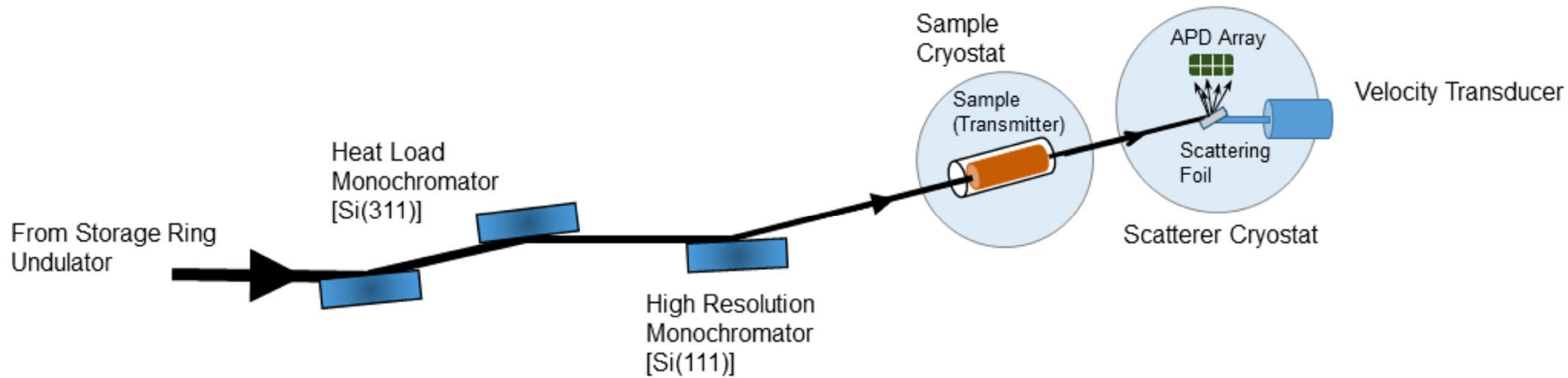
Intranuclear Distribution of Iron in Purkinje Cells in the Human Cerebellum

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^{61}Ni – 67 keV



[NiFe] hydrogenase

